

- PI 598668. *Agropyron fragile* (Roth) P. Candargy**  
Wild. JA-45; VIR U-0134820; W6 13320. Collected in Kazakhstan. Latitude 47 deg. 19' N. Longitude 58 deg. 28' E. Elevation 190 m. Sandy clay (silty) soil, 105km west-southwest of Chelkar. Annual precipitation 160mm. Vegetation - *Artemisia terrae-alba*, *Poa bulbosa*, *Stipa capillata*, and some *Agropyron fragile* (about 10%). Lower drought limit of *Agropyron*. A. fragile is only *Agropyron* on site.
- PI 598669. *Agropyron fragile* (Roth) P. Candargy**  
Wild. JA-46; VIR U-0134856; W6 13321. Collected in Kazakhstan. Latitude 47 deg. 22' N. Longitude 58 deg. 17' E. Elevation 230 m. Sandy-clay soil, 115km west-southwest of Chelkar. Annual precipitation 170mm. Dominant vegetation - *Artemisia terrae-albae*, *Stipa capillata*, *Poa bulbosa*, and *Agropyron fragile*. *Agropyron fragile* in colonies.
- PI 598670. *Agropyron fragile* (Roth) P. Candargy**  
Wild. JA-47; VIR U-0134850; W6 13322. Collected in Kazakhstan. Latitude 47 deg. 27' N. Longitude 58 deg. 18' E. Elevation 230 m. Sandy-clay soil, 105km west-southwest of Chelkar. Annual precipitation 180mm. Possibly mixed with *Agropyron desertorum*. Vegetation - *Artemisia terrae-albae*, *Poa bulbosa*, *Stipa spp.*, *A. fragile* in stand with *A. desertorum*.
- PI 598671. *Agropyron fragile* (Roth) P. Candargy**  
Wild. JA-48; VIR U-0134838; W6 13323. Collected in Kazakhstan. Latitude 47 deg. 27' N. Longitude 58 deg. 18' E. Elevation 230 m. Sandy-clay soil, 105km west-southwest of Chelkar. Annual precipitation 180mm. Pubescent form. Vegetation - *Artemisia terrae-albae*, *Poa bulbosa*, *Stipa spp.*, *A. fragile* in stand with *A. desertorum*.
- PI 598672. *Agropyron fragile* (Roth) P. Candargy**  
Wild. JA-49; VIR U-0134790; W6 13324. Collected in Kazakhstan. Latitude 47 deg. 31' N. Longitude 58 deg. 20' E. Elevation 230 m. Sandy-clay soil, 100km west-southwest of Chelkar. Annual precipitation 180mm. Pubescent type. Vegetation - *Kochia prostrata*, *Agropyron desertorum* and *A. fragile* in mixed stand, *Poa bulbosa*, *Stipa spp.*
- PI 598673. *Agropyron fragile* (Roth) P. Candargy**  
Wild. JA-50; VIR U-0134776; W6 13325. Collected in Kazakhstan. Latitude 47 deg. 32' N. Longitude 58 deg. 17' E. Elevation 220 m. 90km west-southwest of Chelkar. Annual precipitation 180mm. Mixed with *Agropyron desertorum*. Vegetation - *Poa bulbosa*, *Stipa spp.*, *Agropyron fragile* and *Agropyron desertorum*.
- PI 598674. *Agropyron fragile* (Roth) P. Candargy**  
Wild. JA-51; VIR U-0134762; W6 13326. Collected in Kazakhstan. Latitude 47 deg. 29' N. Longitude 58 deg. 15' E. Elevation 200 m. Clay soil along dry creek bed, 105km west-southwest of Chelkar. Annual precipitation 200mm. Vegetation - *Bromus inermis*, *Leymus angustus*, *Elytrigia repens*, *Agropyron cristatum* and *Psathyrostachys juncea* in better moisture areas, *Artemisia terrae-albae*, *Kochia prostrata*, and tall shrubs.
- PI 598675. *Agropyron fragile* (Roth) P. Candargy**  
Wild. JA-52; VIR U-0134773; W6 13327. Collected in Kazakhstan. Latitude 47 deg. 27' N. Longitude 58 deg. 14' E. Elevation 200 m. Along rim of